Internal al Application No
PCT/EP2005/000022

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F16M11/32 F16M F16M11/16 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F16M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages X US 5 310 145 A (CHEN JASON) 10 May 1994 (1994-05-10) the whole document 4,5,7,9 FR 2 205 983 A (PFLIEGER ROGER) 4,5,7,9 31 May 1974 (1974-05-31) the whole document US 5 082 221 A (LAI SHIH-WANG) 1 - 321 January 1992 (1992-01-21) column 2, line 3 - line 65; figures 1-7 US 4 886 230 A (JONES JOHN A ET AL) 1-3,1012 December 1989 (1989-12-12) cited in the application column 7, line 25 - line 32; figures 1-5 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : *T* later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the International search 21/04/2005 14 April 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.			
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P document published prior to the international filing date but later than the priority date claimed	*8* document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report			
14 April 2005	21/04/2005			
Name and malling address of the ISA	Authorized officer			
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Das Neves, N			

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